

~~TOP SECRET~~

10 May 1965

Page 5MISSILE ACTIVITYKAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER
USSR

1. TALENT PHOTOGRAPHY OF SEP 57, FIRST REVEALED KAPUSTIN YAR AS A MAJOR SOVIET MISSILE TEST RANGE. ADDITIONAL TALENT COVERAGE IN DEC 59, REVEALED FOUR SURFACE-TO-SURFACE BALLISTIC MISSILE TEST LAUNCH COMPLEXES IN VARIOUS STAGES OF CONSTRUCTION; AN AREA FOR TESTING AERODYNAMIC VEHICLES, A LARGE SURFACE-TO-AIR MISSILE DEVELOPMENT COMPLEX, AND SUPPORTING FACILITIES FOR THE COMPLEX. LAUNCH COMPLEX C, THE LARGEST OF THE SSM FACILITIES, AND LOCATED APPROXIMATELY IN THE CENTER OF THE LAUNCH COMPLEXES WAS OPERATIONAL IN SEP 57. IT CONSISTED OF THREE LAUNCH AREAS 1-C, 2-C, AND 3-C. SIXTEEN KH MISSIONS FROM AUG 60, THROUGH SEP 63, REVEALED THE COMPLETION OF EXISTING FACILITIES AND ADDITIONAL CONSTRUCTION.
2. [REDACTED] REVEALED THE CONSTRUCTION OF LAUNCH AREA 4-C. IN JUN 61, 5-C WAS UNDER CONSTRUCTION. LAUNCH COMPLEX C NOW COMPRISES 5 LAUNCH AREAS, NUMBERED FROM NORTH TO SOUTH.
3. LAUNCH AREA 1-C TALENT PHOTOGRAPHY OF DEC 59, REVEALED A RAIL LINE UNDER CONSTRUCTION TO THE LAUNCH AREA AND TERMINATING AT THE 190 FT

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~~TOP SECRET~~

TOP SECRET

10 May 1961

Page 6

SQUARE LAUNCH PAD. IN APR 62, A POSSIBLE MISSILE OR LAUNCHER/ERECTOR, 85 FT LONG WAS OBSERVED. THE AREA IS IRREGULARLY SHAPED, MEASURES 1,415 X 770 FT, AND EMCOMPASSES ABOUT 25 ACRES. IT CONTAINS CONTROL BUNKERS, VEHICLE REVETMENTS AND BUNKERS, AND VARIOUS BUILDINGS. [] REVEALED THE RAIL LINE FROM THE ASSEMBLY AREA WAS COMPLETE AND TERMINATED AT THE LAUNCH PAD.

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[] REVEALED TWO UNIDENTIFIED OBJECTS ON THE PAD AND A PERMANENT ERECTOR/LAUNCHER AT THE END OF THE RAIL LINES. NEW LAUNCH POSITIONS WERE UNDER CONSTRUCTION NORTH AND NORTH EAST OF THE PAD. [] REVEALED THE TWO PADS STILL 90 FT SQUARE AND RAIL SERVED UNDER CONSTRUCTION.

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[] REVEALED THE TWO PADS STILL UNDER CONSTRUCTION. THE PADS WERE APPROXIMATELY 90 FT SQUARE AND A RAIL SPUR APPEARED TO TERMINATE AT THE CENTER OF EACH PAD.

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[] REVEALED AN EXERCISE UNDERWAY ON THE NORTHWESTERN-MOST OF THE 2 RECENTLY ADDED RAIL SERVED PADS.

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THIS MISSION REVEALS A RAIL-SERVED ERECTOR/LAUNCHER ON THE NEWER LAUNCH PADS 1C-2 AND 1C-3. FOUR VEHICLES ARE ALSO ON THE OTHER 1C-1 LAUNCH PAD INCLUDING 1 CRANE, 3 POSSIBLE CHERRY PICKER-TYPE VEHICLES.

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25X1

TOP SECRET

TOP SECRET

25X1

10 May 1965

Page 7

4. LAUNCH AREA 2C WAS UNDER CONSTRUCTION IN DEC 59. IT IS A RECTANGULAR AREA 1,700 X 1,200 FT, COVERING ABOUT 47 ACRES. THERE WAS NO EVIDENCE IN 1957 THAT THIS AREA WOULD BE CONSTRUCTED. THE AREA, WHICH IS CENTERED BETWEEN LAUNCH AREAS 1C AND 3C, AND ABOUT 4,150 FT FROM EACH, INCLUDES TWO NEARLY IDENTICAL HEXAGONAL LAUNCH SITES ABOUT 850 FT CENTER TO CENTER, AND ARBITRARILY DESIGNATED 2C-1 AND 2C-2. THE AREA SHOULD HAVE BEEN OPERATIONAL BY MID 1960. THE ROAD WHICH SERVES THE LAUNCH AREA ENTERS FROM THE WEST AND FORMS A "T" NEAR THE CENTER.

[REDACTED] REVEALED AN UNIDENTIFIED OBJECT, POSSIBLY A MISSILE ERECTOR COMBINATION ABOUT 130 FT LONG IN A HORIZONTAL POSITION NEAR THE CENTER OF LAUNCH PAD 2C-2.

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[REDACTED] REVEALED A LARGE POSSIBLE CONTROL BUNKER LOCATED BETWEEN THE 2 LAUNCH PADS.

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[REDACTED] REVEALED NO CHANGES IN THE PERMANENT FACILITIES. ACTIVITY WAS SEEN ON BOTH PADS.

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THIS MISSION REVEALS AN SS-4 (MRBM) EXERCISE UNDERWAY AT LAUNCH PAD 2C-2. AN APPROXIMATELY 70 FT LONG SS-4 ON A TRANSPORTER, AN ERECTOR, A FUEL TRANSPORTER, 2 OXIDIZER TRAILERS AND 14 OTHER SUPPORT VEHICLES ARE ON OR IMMEDIATELY ADJACENT TO THE PAD. MODIFICATIONS ARE TAKING

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TOP SECRET

TOP SECRET

10 May 1965

Page 8

PLACE WITHIN THE LAUNCH AREA WITH OPEN DITCHES VISIBLE IN SEVERAL LOCATIONS CROSSING THE ROADS SERVING LAUNCH PAD 2C-1.

5. LAUNCH AREA 5C [REDACTED] REVEALED TWO FACILITIES, 5C-1 AND 5C-2, IN EARLY STAGES OF CONSTRUCTION 1 NM SOUTH OF LAUNCH AREA 4-C. BOTH FACILITIES APPEARED TO HAVE TWO LAUNCH PADS. IT CONSISTED OF ONE IREM SITE TO THE NORTH AND ONE POSSIBLE MRBM LAUNCH FACILITY TO THE SOUTH. THE PATTERN, SIZE AND TIMING AT LAUNCH FACILITY 5C-1 INDICATED THAT IT WAS PROBABLY THE COUNTER-PART OF IREM SOFT SITES DEPLOYED IN THE USSR. PADS IN THE NORTHERN AREA ARE SEPARATED BY ABOUT 800 FT. CONSTRUCTION HAS NOT PROGRESSED AT THE SOUTHERN AREA.

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[REDACTED] REVEALED AT 5C-1, ACTIVITY ON BOTH LAUNCH PADS. POSSIBLE MISSILES WERE OBSERVED, ONE A POSSIBLE SS-5 (IREM).

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[REDACTED] REVEALED ACTIVITY ON BOTH OF THE ELONGATED PADS. VEHICLES AND POSSIBLE MISSILE TRANSPORTERS WERE OBSERVED.

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THIS MISSION REVEALS A MISSILE EXERCISE ON THE NORTH PAD. A MISSILE, APPARENTLY IDENTICAL TO A MISSILE OBSERVED ON THE SOUTH PAD ON MISSION [REDACTED] IS BACKED UP TO AN ERECTOR. SIX SUPPORT VEHICLES ARE PARKED ON A HARDSTAND TO THE WEST OF THE PAD. A POSSIBLE TRANSPORTER

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TOP SECRET

10 May 1965

Page 9

CRANE IS ON THE SITE ROAD SYSTEM. TWO PROBABLE SS-5 TYPE FUEL TRANSPORTERS, AND 2 UNIDENTIFIED VEHICLES ARE ON THE HARDSTAND EAST OF THE SOUTHERN PAD. TWO PROBABLE OXIDIZER TRAILERS, ONE POSSIBLE CHERRY PICKER AND 2 ADDITIONAL UNIDENTIFIED VEHICLES ARE PARKED TO THE EAST OF THE HARDSTAND. THE POSSIBLE DISMANTLING OF THE SOUTHERN PAD AS REPORTED IN [REDACTED] IS ACTUALLY DARK DISCOLORATION OF THE ROADWAY IMMEDIATELY WEST OF THE PAD. THE FACILITY 5C-2 IS ABANDONED.

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TOP SECRET

25X1

25X1

10 May 1965

Page 10

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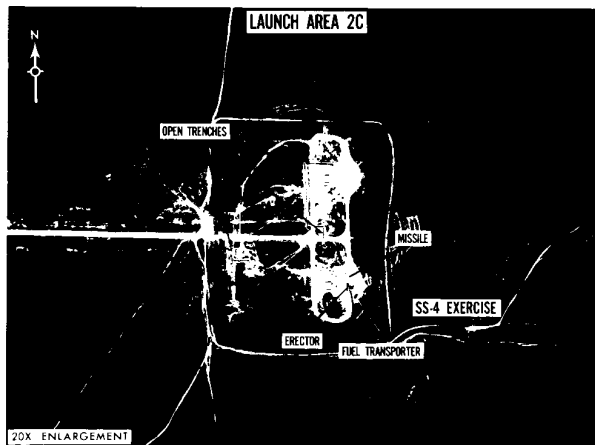
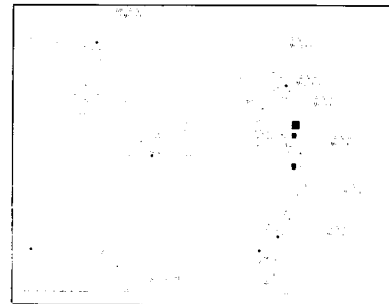
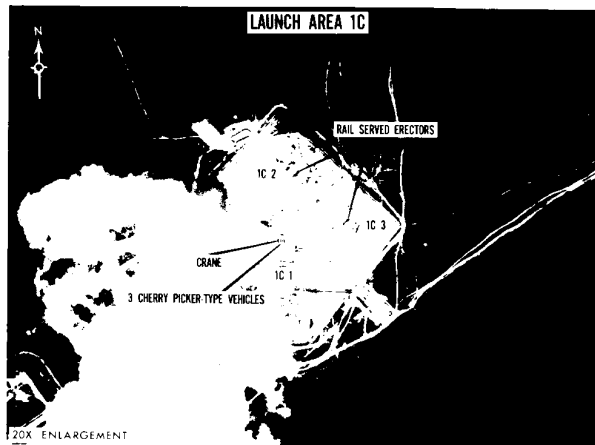
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MISSILE ACTIVITY

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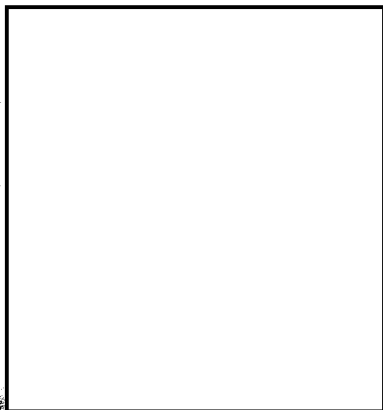
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